

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((optical or optic) near2 (harmonic or harmonics)) with (generation)) same ((Bragg near2 (grating or gratings)))	USPAT	OR	OFF	2005/07/22 22:38
L2	1002	(grating or gratings) with (harmonic ner2 (generation))	USPAT	OR	OFF	2005/07/22 22:38
L3	480	((grating or gratings) with (harmonic ner2 (generation))) same (optical or optic)	USPAT	OR	OFF	2005/07/22 22:38
L4	2	((optical or optic) near2 (harmonic or harmonics)) with (generation)) same (((optical or optic) near2 (harmonic or harmonics)) with (generation)) same (Bragg near2 (grating or gratings))	US-PGPUB	OR	OFF	2005/07/22 22:38
L5	0	((optical or optic) near2 (harmonic or harmonics)) with (generation)) same (((optical or optic) near2 (harmonic or harmonics)) with (generation)) same (Bragg near2 (grating or gratings))	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38
L6	315	((grating or gratings) with (harmonic ner2 (generation))) same (optical or optic) and (waveguide or waveguides or fiber or fibers or fibre or fibres) ((grating or gratings) with (harmonic ner2 (generation))) same (optical or optic)	USPAT	OR	OFF	2005/07/22 22:38
L7	202	((grating or gratings) with (harmonic ner2 (generation))) same (optical or optic)	US-PGPUB; USOCR	OR	OFF	2005/07/22 22:38
L8	209	((grating or gratings) with (harmonic ner2 (generation))) same (optical or optic)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38
L9	8	((grating or gratings) with (harmonic near2 (generation))) same (optical or optic)	US-PGPUB; USOCR	OR	OFF	2005/07/22 22:38
L10	0	((bragg or reflection) near2 (grating or gratings)) with (harmonic near2 (generation))	US-PGPUB; USOCR	OR	OFF	2005/07/22 22:38
L11	2	((bragg or reflection) near2 (grating or gratings)) with (harmonic near2 (generation))	USPAT	OR	OFF	2005/07/22 22:38
L12	2	((bragg or reflection) near2 (grating or gratings)) with (harmonic near2 (generation))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38
L13	14	((bragg or reflection) near2 (grating or gratings)) same (harmonic near2 (generation))	USPAT	OR	OFF	2005/07/22 22:38
L14	4	((bragg or reflection) near2 (grating or gratings)) same (harmonic near2 (generation))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38

L15	18	((bragg or reflection) near2 (grating or gratings)) with (harmonic or harmonics)	USPAT	OR	OFF	2005/07/22 22:38
L16	15	L15 not L13	USPAT	OR	OFF	2005/07/22 22:38
L17	1	((bragg or reflection or reflective) near2 (grating or gratings)) same	USOCR	OR	OFF	2005/07/22 22:38
L18	92	((bragg or reflection or reflective) near2 (grating or gratings)) same ((harmonic or harmonics))	USPAT	OR	OFF	2005/07/22 22:38
L19	22	((bragg or reflection or reflective) near2 (grating or gratings)) same ((harmonic or harmonics))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38
L20	43	((bragg or reflection or reflective) near2 (grating or gratings)) same ((harmonic or harmonics))	US-PGPUB	OR	OFF	2005/07/22 22:38
L21	0	"a Bragg grating is"	USPAT	OR	OFF	2005/07/22 22:38
L22	0	((bragg or reflective or reflection) near2 (grating or gratings)) with ((exhibit or exhibits) near2 (harmonics))	USPAT	OR	OFF	2005/07/22 22:38
L23	0	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits) near2 (harmonics))	USPAT	OR	OFF	2005/07/22 22:38
L24	0	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits) near2 (harmonics))	US-PGPUB	OR	OFF	2005/07/22 22:38
L25	3	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits or produce or produced or producing or produces or has of have) with (harmonics))	US-PGPUB	OR	OFF	2005/07/22 22:38
L26	2	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits or produce or produced or producing or produces or has of have) with (harmonics))	USPAT	OR	OFF	2005/07/22 22:38
L27	1	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits or produce or produced or producing or produces or has of have) with (harmonics))	USOCR	OR	OFF	2005/07/22 22:38
L28	1	((bragg or reflective or reflection or reflecting) near2 (grating or gratings)) same ((exhibit or exhibits or produce or produced or producing or produces or has of have) with (harmonics))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:38
L29	3	("4976539") or ("6636678") or ("6104852").PN.	USPAT	OR	OFF	2005/07/22 22:38
L30	3	L29 and diag	USPAT	OR	OFF	2005/07/22 22:38

L31	0	L29 and (apodise or apodize or apodises or apodizes or apodized or apodised or apodization or apodisation or apodising or apodizing)	USPAT	OR	OFF	2005/07/22 22:38
L32	15	(side near2 (lobes bands)) with (chirp or chirping or chirped or chirps)	USPAT	OR	OFF	2005/07/22 22:38
L33	1336	(optical or optic) near2 (pitch)	USPAT	OR	OFF	2005/07/22 22:38
L34	55	(optical or optic) adj (pitch)	USPAT	OR	OFF	2005/07/22 22:38
L35	1	("2001031114").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/22 22:38
L36	131	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35) and @pd>"20050114"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:40

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6104852").PN.	USPAT	OR	OFF	2005/07/22 22:29
L2	1	L1 and bragg	USPAT	OR	OFF	2005/07/22 22:29
L3	4008	385/37	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L4	21	L3 and (((location or locate or locates or located or locating or placement or places or place or placed or placing or position or positioned or positioning or positions) near2 (fringe or fringes))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L5	0	L3 and (((location or locate or locates or located or locating or placement or places or place or placed or placing or position or positioned or positioning or positions or forming or forms or formed or formation or form or create or creates or created or creating or creation or make or made or making or makes or induce or induces or inductions or induces) near2 (fringe or fringes) with (period or periods or spacing or spaces or space) same ((waveguide or fiber or fibre) near2 (length or lengths)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L6	0	L3 and (((space or spaces or spaced or spacing) near2 (fringe or fringes) with (path-length or (path adj length)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L7	17	L3 and (((location or locate or locates or located or locating or placement or places or place or placed or placing or position or positioned or positioning or positions or forming or forms or formed or formation or form or create or creates or created or creating or creation or make or made or making or makes or induce or induces or inductions or induces) near2 (fringe or fringes) with (period or periods or spacing or spaces or space))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L8	10	L7 not L4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L9	636	L3 and (((affect or affects or affecting or affected or effect or effects or effecting or effected) with (path or path-length or length)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L10	380	L9 and Bragg	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29

L11	67	L3 and (((affect or affects or affecting or affected) with (path or path-length or length)) same (fringe or fringes or perturbation or pertubations or perturbation or perturbations or location or locations))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L12	21	("4093338" "4807950" "5007705" "5042897" "5066133" "5195161" "5208882" "5218651" "5235659" "5237576" "5257273" "5268910" "5305336" "5309260" "5321707" "5323404" "5337382" "5363239" "5400422" "5420948")PN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L13	41	((spatially or spatial) modulation or modulates or modulating or modulation or modulated or vary or varying or varied or variation) with (grating or gratings) and (standing near2 (wave or waves))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L14	0	((spatially or spatial) modulation or modulates or modulating or modulation or modulated or vary or varying or varied or variation) with (grating or gratings) and (standing near2 (wave or waves))	EPO; JPO; DERWENT; IBM TDB	OR	OFF	2005/07/22 22:29	
L15	46	((spatially or spatial) modulation or modulates or modulating or modulation or modulated or vary or varying or varied or variation or varies) with (grating or gratings) and (standing near2 (wave or waves))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L16	0	((spatially or spatial) modulation or modulates or modulating or modulation or modulated or vary or varying or varied or variation or varies) with (grating or gratings) and (standing near2 (wave or waves))	EPO; JPO; DERWENT; IBM TDB	OR	OFF	2005/07/22 22:29	
L17	15	L15 and (harmonics)					
L18	14	apodise	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L19	51	L3 and ((chirped or chirping or chirp) with ((path or optical) near2 (length)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L20	39	L19 and bragg	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L21	89	(grating or gratings) same ((chirped or chirping or chirp) with ((path or optical) near2 (length)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29	
L22	29	L21 not L20	USPAT	OR	OFF	2005/07/22 22:29	

L23	53	L21 not L20		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L24	13	(grating or gratings) same ((chirped or chirping or chirp) with ((path or optical) near2 (length)))		EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L25	112	((grating or gratings) near2 (bragg)) and (((path or optical) adj length) with ((spacing or period or chirp or apodise) or fringes))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L26	20	((grating or gratings) near2 (bragg)) and (((path or optical) adj length) with ((spacing or period or chirp or apodise) near2 (grating or gratings or fringe or fringes)))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L27	12	((grating or gratings) near2 (bragg)) and (((path or optical) adj length) with ((effective) near2 (grating or gratings or fringe or fringes)))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L28	305	(grating or gratings) same (((path or optical) near2 (length or distance) with (effective or physical)))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L29	143	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((spacing or space or spaced or spaces or location or locations or located or locating or locate or position or positions or positioned or positioning) near2 (fringe or fringes or elements or element or reflecting or reflection)) with (vary or varied or varying or varies or adjust or adjusted or adjusting or variable or variation or adjustable or adjusts or changing or tune or tunes or tuning or tuned or tunable or changed or change or changes)))		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L30	27	((grating or gratings) and (((path or optical) near2 (length or distance)) same (((spacing or space or spaced or spaces or location or locations or located or locating or locate or position or positions or positioned or positioning) near2 (fringe or fringes or elements or element or reflecting or reflection)) with (vary or varied or varying or varies)))		US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L31	2	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((spacing or space or spaced or spaces or location or locations or located or locating or locate or position or positions or positioned or positioning) near2 (fringe or fringes or elements or element or reflecting or reflection)) with (vary or varied or varying or varies)))		EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29

L32	1	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near2 (fringe or fringes or elements or element or reflecting or reflection)) with (vary or varied or varying or varies)))	US_PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L33	1	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near2 (fringe or fringes or elements or element or reflecting or reflection)) with (vary or varied or varying or varies)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L34	2	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((spacing or space or spaced or spaces or location or locations or located or locating or locate or position or positions or positioned or positioning) near2 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L35	2	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((spacing or space or spaced or spaces or location or locations or located or locating or locate or position or positions or positioned or positioning) near2 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	US_PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/07/22 22:29
L36	1	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near2 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L37	1	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near3 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L38	5	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near3 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	US_PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L39	6	(grating or gratings) and (((path or optical) near2 (length or distance)) same (((period or periods or pitch or pitches) near4 (fringe or fringes or elements or element or reflecting or reflection or partial)) with (vary or varied or varying or varies)))	US_PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L40	1	L39 not L38	US_PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29

L41	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L42	5	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path or effective) near2 (length or distance))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L43	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path) near2 effective)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L44	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path) near2 effective)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 22:29
L45	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path) near2 effective)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L46	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path or length or distance) near2 physical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L47	0	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path or length or distance) near3 physical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29

L48	1	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same ((optical or path or length or distance) near3 actual)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L49	66	((grating or gratings) with ((fringe or fringes) near2 (spacing or spaced or space or separated or separate or separating or separates or spaces))) same (path or length or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L50	4	("2161612").PN.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:29
L51	304	((DBR or (distributed near2 bragg)) with phase) same (laser or lasers)	USPAT	OR	OFF	2005/07/22 22:29
L52	1953	(385/37).CCLS.	USPAT	OR	OFF	2005/07/22 22:29
L53	0	L52 and ((depth near2 (groove or grooves) with (different))	USPAT	OR	OFF	2005/07/22 22:29
L54	0	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53) and @pd>"20050722"	USPAT	OR	OFF	2005/07/22 22:33
L55	0	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53) and @pd>"20050722"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:33
L56	370	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53) and @pd>"20050114"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:35

L57	0	(waveguide and conducting and medium and spaced and apart and longitudinal and reflections).clm.	US-PPGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:36
L58	4	(waveguide and reflecting and location and path and fraction) clm.	US-PPGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 22:36